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PATENT

Docket No.: 140315.92289

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Thornborough  
Appl. No.: 09/472,105  
Filed: December 27, 1999  
Title: METERING PULSE TRANSDUCER  
Art Unit: 2855  
Examiner: L. Martir

AMENDMENT

Commissioner for Patents  
Washington, DC 20231

Sir:

In response to the Office Action of December 19, 2001, please enter the following Amendment and Remarks in the file of the above patent application.

Amendment

IN THE CLAIMS:

Please amend claims 1 and 14 as follows:

1. (Twice amended) A pulse transducer, comprising:  
a rotor having an axis of rotation and having a plurality of magnetically switchable elements spaced around the axis and movable along a path of travel around the axis, each of said magnetically switchable elements having at least four magnetic states;

a sensor disposed adjacent said rotor for carrying magnetically produced electrical pulses;

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